

PROCESSOR BASED SYSTEM AND METHOD FOR VIRUS DETECTION

ABSTRACT OF THE DISCLOSURE

5 A processor based system and method for virus detection is described. In one embodiment, a processor comprises a plurality of functional units. The plurality of functional units includes a first functional unit and a second functional unit, the first functional unit to receive instructions, to determine whether ones of the instructions are associated with a virus, and to transmit the ones of the instructions not associated with the virus to the second functional unit.

10 In one embodiment, the method includes receiving an instruction in a first functional unit of a processor pipeline. The method further includes determining whether the instruction is associated with a virus. The method further includes transmitting the instruction to a second functional unit of the processor pipeline for further processing.

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